What is claimed is:

1　1. A mobile telephone device comprising:

2　a central processing unit;

3　a display controller;

4　a display; and

5　a volatile memory shared by said central processing unit and

6　said display controller via a bus;

7　wherein said central processing unit operates in sync with a

8　variable synchronizing signal; and

9　wherein said display and said display controller operate in sync

10　with a fixed synchronizing signal.

1　2. The mobile telephone device in accordance with claim 1, wherein

2　said display controller voluntarily reads data out of said

3　volatile memory at regular intervals.

1　3. The mobile telephone device in accordance with claim 2,

2　comprising:

3　illumination means switchable between on and off for illuminating

4　said display; and

5　illumination control means for controlling said illumination

6　means, said illumination control means including means for

7　putting said illumination means out after a given period of time.

1　4. The mobile telephone device in accordance with claim 1, wherein

2　said variable synchronizing signal is set at a lower frequency

3　than a frequency in a normal operating state in the absence of

4　operator's operation or call-in for a certain period of time,

5 and is returned to the frequency in the normal operating state

6 in response to operator's operation or call-in in the low

7 frequency state.

1 5. The mobile telephone device in accordance with claim 4, wherein

2 said display controller reads data out of said volatile memory

3 in a predetermined cycle of time voluntarily

1 6. The mobile telephone device in accordance with claim 5,

2 comprising:

3 illumination means switchable between on and off for illuminating

4 said display; and

5 illumination control means for controlling said illumination

6 means, said control means including means for putting said

7 illumination means out after a given period of time.

1 7. A method of controlling display images of a mobile telephone

2 device, comprising:

3 a normal processing step of performing application processing;

4 an image display step of refreshing an image display;

5 an input supervisory step of determining the presence or absence

6 of an external input;

7 a variable synchronizing signal adjusting step of changing a

8 variable synchronizing signal which functions as a criterion

9 when said input supervisory step performs application processing

10 of an external input; and

11 an arbitration step of arbitrating the use of a bus on the basis

12 of priority if said normal processing step and said image display

13   step conflict;

14   wherein said image display step performs the image display

15   processing via a bus, using the display data stored in a volatile

16   memory via said bus.

1   8.   The method of controlling display images in accordance with

2   claim 7, wherein said arbitration step gives priority on said

3   image display step in execution even if said input supervisory

4   step recognizes an external input.

1   9.   The method of controlling display images in accordance with

2   claim 7, wherein said arbitration step gives priority on said

3   image display step in recognizing that said normal processing

4   step in execution competes with said image display step.

1   10.   The method of controlling display images in accordance with

2   claim 7, wherein said arbitration step gives priority on said

3   image display step in recognizing that said image display step

4   in execution competes with said normal processing step.

1   11.   The method of controlling display images in accordance with

2   claim 7, wherein said variable synchronizing signal adjusting

3   step slows down said variable synchronizing signals if said input

4   supervisory step recognizes that there is no external input for

5   a certain period of time when the variable synchronizing signals

6   are at high speed, and speeds up said variable synchronizing

7   signals if said input supervisory step recognizes an external

8   input when said synchronizing signal is at low speed.